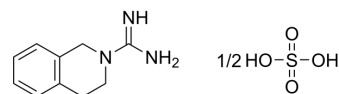


## Debrisoquin hemisulfate

Cat. No.:	HY-B1624A		
CAS No.:	581-88-4		
Molecular Formula:	C <sub>10</sub> H <sub>13</sub> N <sub>3</sub> ·1/2H <sub>2</sub> O <sub>4</sub> S		
Molecular Weight:	224.27		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 10.42 mg/mL (46.46 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.4589 mL	22.2946 mL	44.5891 mL
5 mM	0.8918 mL	4.4589 mL	8.9178 mL
10 mM	0.4459 mL	2.2295 mL	4.4589 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Debrisoquin (Isocaramidine) hemisulfate is a TMPRSS2 inhibitors that inhibits SARS-CoV-2 entry into human lung cell line by a TMPRSS2-dependent manner, with an IC<sub>50</sub> of 22μM. Debrisoquin hemisulfate can be used for antiviral research<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Human Endogenous Metabolite

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA